

Cyclohexane  
110-82-7 | DTXSID4021923

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	0.69	0.86	0.67	0.86	0.78

## Model Results

**Predicted value:** 3.48

**Global applicability domain:** Inside

**Local applicability domain index:** 6.68e-01

**Confidence level:** 8.74e-01

## Nearest Neighbors from the Training Set

Image not found

Cyclohexane

**Measured:** 3.44

**Predicted:** 3.48

Image not found

Cycloheptane

**Measured:** 4.00

**Predicted:** 4.00

Image not found

Cyclopentane

**Measured:** 3.00

**Predicted:** 2.87

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Methylcyclopentane

**Measured:** 3.37

**Predicted:** 3.38

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n-Hexane

**Measured:** 3.90

**Predicted:** 3.96